

ABSTRACT OF THE DISCLOSURE

A flip-type terminal and method therefor has mounted thereon a microstrip patch antenna for a GPS. The flip-type terminal comprises a body including a GPS receiver which is
5 mounted to a main board; a flip having a slim-style microstrip patch antenna which is mounted to the flip in a manner such that a portion of the microstrip patch antenna projects out of the flip to define a rectangular contour; a hinge unit for mechanically connecting the body and the flip with each other, the hinge unit allowing the flip to be opened to and closed from a predetermined angle capable of rendering communication, the hinge unit further enabling the
10 microstrip patch antenna to be opened to and closed from an optimal GPS data receiving angle; and an RF flexible printed circuit for electrically connecting the GPS receiver and the microstrip patch antenna with each other via the hinge unit.